

ALL INFORMATION CONTAINED

HEREIN IS UNCLASSIFIED
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REF ID: A6570000000000000000
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Carryover

DATA FOR THE DETERMINATION OF THE ESR SPECTRUM OF THE POLYMER

AUTHORS: Борис А. Барановский, Л. Григорьев, А.

The last will & testament

ANSWER: The following table summarizes the results of the simulation.

After the first two days of the trip, we had a long talk with the local people about the situation in the area. We learned that there was a lot of tension between the people of the area and the government, and that many people were afraid to speak up. We also learned that there were many issues that needed to be addressed, such as land rights, environmental degradation, and lack of basic services. The people we spoke with were very concerned about the future of their community and the environment.

Coro 1/3

10. The following table gives the number of hours worked by each of the 1000 workers.

and the rate of interest was 5% per annum. The results were as follows:

Aids 11

CHARTER OF THE STATE OF CALIFORNIA.

ENCL. A

卷之三

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"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

1-17602-^b

Kranton

21160	Ad - 20%	14	100%
21002	Ad - 20%	2	100%
20239	Ad - 20%	26	100%

Caro 3/2

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CIA-RDP86-00513R000308820012-7

L 48095-1
EFC 1
- 147 / EAT / FNG(1) / EWT(1) / EPT(m) / EPT(c) / EEC(k)-2 / EPR(n)-2 / EPR / EEC(l)-2 / EWT
Dm-4 / Dn-4 / Po-4 / Pt-4 / Ps-4 / Pcb / Pl-4 / Pu-4 / Pl-4

ACQUISITION NO. AFR 147

ARMED FORCES

RECORDED BY: R. MURKIN, T. V.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308820012-7"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

L 48095-65

ACCESSION NR: AP5012615

ENCL: 00

OTHER: 00

1. RAY

SR
Card 3/3

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

MASH, D.I.; PAPULOVSKIY, V.F.; CHIRINA, L.P.

Experimental study of the divergence of the beam from a neon-helium
laser (wavelength $\lambda = 0.63\mu$). Opt. i spektr. 18 no.5:866-869 My
'65. (MIRA 18:10)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRINSKIY, A. (Volgograd)

Hidden behind names. Znan.-sila 38 no.4:27 Ap '63.
(MIRA 16:8)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

RUMANIA / Chemical Technology, Chemical Products and H
Their Application, Part 4. - Leather, Furs,
Gelatin, Tanning Agents, Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 63237.

Author : Aglaia Chirita.

Inst : Iasi University.

Title : Utilization of Willow Bark for Tanning.

Orig Pub: Ind. usoara, 1958, 5, No 2, 49 - 52.

Abstract: A series of data and remarks is presented concerning the utilization of willow bark as a tanning agent according to the materials of scientific works of the chair of leather technology of the Iasi University.

Card 1/1

57

COUNTRY : RUMANIA
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Leather. Fur. Gelatine.*
II
ABS. JOUR. : RZKhim., No. 23 1959, No. 84529

AUTHOR : Alexa, G.; Chirita, A.
INST. : Rumanian Acad.
TITLE : Problems in the Application of Willow Bark
a Tanning Raw Material in the RDR.- Part II.

ORIG. PUB. : Studii si cercetari stiint. Acad. RPR Fil.
Iasi. Chim., 1958, 9, No 1, 105-114

ABSTRACT : This investigation covered the determination
of tannide content (T) in different varieties
of willow tree family and in particular in
Salix fragilis. For the latter variety the
following determinations were made: optimum
extraction temperature, T content, content of
sugars, the age and season when bark was col-
lected. Bark may be taken off the trees du-
ring the "vegetation" period, since T content
remains almost constant, while the quality
goes through an optimum in July, August and

*Tanning Materials. Industrial Proteins.

CARD:

1/2

H - 100

COUNTRY :
CATEGORY :

H

ABS. JOUR. : RZKhim., No. 23 1959, No. 84529

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : September. Tannides contained in willow bark
Con'd belong to the pyrotechnic group. For Part
I see Ref. Zhur.-Khimiya, 1959, No 15, 55915.
-- D. Gorin.

CARD:

2/2

ALEXA, Gheorghe, dr. ing., profesor emerit; CHIRITA, Gheorghe, conf. ing.;
CHIRITA, Aglaia, lector ing.

The influence of acidity on the bond between formaldehyde and
collagen. Industria uscara 10 no.2:45-47 F '63.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, Aglaia

Contributions to the study of combined tannages. Rev
chimie 7 no. 1: 13-20 '62.

1. Section de l'industrie du cuir, des remplaçants du
et des matières tannantes de l'Institut Polytechnique
Jassy.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, A.; MANCIU, M.; SCHIFTER, H.; NANESCU, V.

On the stability in time of physicochemical and chemical characteristics of leathers dressed by the combined formal and chromium method. Studia Univ B-F S Chem 8 no.1:509 '63

1. Iasi Polytechnic Institute.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, A.

Influence of acidity on the stability of formaldehyde combination with collagen. Studia Univ B-B S Chem & no.1:510 '63

1. Iasi Polytechnic Institute.

BIRCA-GALATEANU, D.; CHIRITA, C.; DEMETRECO, Catalina; MAVRODIN, Al.

Spectroscopic synthesis and analysis in the infrared of the structure of new diaryl sulfone-hydrazone with anti-tuberculosis effect. Rev chimie Roum 10 no.1:83-95 Ja '65.

1. Laboratory of Physics of the Polytechnic Institute, Bucharest, and Laboratory of Organic Chemistry of the Institute of Medicine and Pharmacy, Bucharest, 19-21 Al. Sahia Frent.
Submitted July 4, 1964.

BIRCA-GALATEANU, D.; CHIRITA, C.; DEMETRESCU, Catalina; MAVRODIN, Al.

Synthesis and infrared spectroscopic study of the structure of some new diarylsulfone-hydrazone with an antituberculous action. Studii cerc chim 14 no.1:83-94 Ja '65.

1. Laboratory of Physics of the Polytechnic Institute, Bucharest, and Laboratory of Organic Chemistry of the Institute of Medicine and Pharmacy, Bucharest. Submitted July 4, 1964.

CHIRITA, C.

"The genetic classification of soils and their succession in the process of solidification", p. 11, (REVISTA PADURILOR, Vol. 67, no. 10, Oct. 1952, Bucuresti)

SO: Monthly List of East European Accessions, Vol 2, no. 8, Library of Congress,
August 1953, Uncl.

CHIRITA, C.

"Problems of knowledge and terminology in connection with the theory of soil fertility". p. 8, (REVISTA PADURILOR, Vol. 69, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

CHIRITA, C.

"The forest, best shield to protect the soil against erosion". p. 163,
(REVISTA PADURILOR, Vol. 69, No. 4, Apr. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

CHIRITA, C.; STANESCU, C.

"Protective Layers in Forest Nurseries; Nature and the Role of Protective Strata." P. 297. (ANALELE ROMANO-SOVIETIC, Vol. 69, No. 7, July, 1954, Bucuresti, Rumania.)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncol.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRITA, C.; STANESCU, C.

"Protective strata in forest nurseries. II. Technique of applying and
using protective strata." p. 406. (REVISTA PADURILOR, Vol. 69, no. 9,
Sept. 1954. Bucuresti, Romania.)

SO: Monthly List of East European Accessions, (EERAL), LC.
Vol. 4, No. 5, May 1955, Unclassified.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

CHIRITA, C.

"For a better ecologic foundation of our forestry. p. 3. (REVISTA PADURILOR,
Vol. 70, no. 1, Jan. 1955. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), IC.
Vol. 4, No. 5, May 1955, Uncl.

CHIRITA, C.

Oak forests to protect land from becoming swampish. p. 498. REVISTA
PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din
Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti.
Vol. 70, no. 11, Nov. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

CHIRITA, CCNST .D.

Pedologie Generala. Bucuresti, Editura Agro-Silvica de Stat, 1955. 956 p.
(General Pedology. illus., maps, footnotes, index, tables)

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

GERNESCU, N.K. (Chernesku, N.K.); CHIRITA, C.D. (Kiritsa, S.D.).

Soil research in the Rumanian People's Republic. Pochvovedenie no.5:
107-111 Ny '56. (MIRA 9:9)

1.Akademiya nauk Rymynskoy Saredney Respubliky.
(Rumania--Soil research)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

COUNTRY	: Romania	K
CATEGORY	: Forestry, General Problems.	
ABS. JOUR.	: RZhBiol; No. 4, 1959, No. 15453	
AUTHOR	: Chirita, Const.; D. Avram, Chr.; Coman, N.; *	
INST.	: Acad.Sci. Rumanian PR	
TITLE	: Investigation and Mapping of Forest Habitats.	
ORIG. PUB.	: Bul științ. Acad. RPR. Sec. biol. și științe agric., 1956, 8, No.4, 847-864	
ABSTRACT	: The number of basic taxonomic units necessary for the mapping of types of habitat are explained, and criteria are given for the determination and classification of habitats. Methods of mapping are offered with an estimated number of concrete taxonomic units taken in Rumania. Results of mapping are considered for surfaces of 30 thousand hectares in the Eastern Carpathians, and an ecological scheme is presented for types of habitat in this region. -- L.V. Nesmelov	
CARD:	1/1 * Decei, P.; Crapini, V.; Malureanu, G.; Nicolae, V.; Putrascoiu, N.; Stanciu, Gr.	

OUNTRY : Rumania
CATEGORY : Forestry. General.

ABS. JOUR. : RZhBiol., No. 14 1959, No. 63159

AUTHOR : Chirita, Const. D.
INST. : Forest Scientific-Research Institute
TITLE : The Typology and Mapping of Forest Sites in Our
(Rumanian) Silviculture

ORIG. PUB. : Rev. padurilor, 1957, 21, No. 8, 495-497

ABSTRACT : The problem of mapping the forest sites in Rumania is raised. Research in this direction in experimental production units of the Institute was undertaken by the efforts of the Forest Scientific-Research Institute.* In the opinion of the author, at the end of five years the FS-RI will be able to roughly systematize the forest sites and give a typological description of them.

* FS-RI

Card: 1/1

Chirita, C.; Gustiuc, I.

Soils of the Danube River delta, and their evolution. p. 241.

HIDROBIOLOGIA. (Academia Republicii Populare Romine. Comisie de Hidrologie, hidrobiologie si Iahitologie) Bucuresti, Rumania. Vol. 1, 1958.

Monthly list of East European Accessions (EPAI) LC, Vol. 8, no. 8, Aug. 1959

Unc1.

CHIRITA, C.
SURUME, Given Names

5

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 6, Aug 1961, pp 483-486.

Data: "Investigations on Thiazols. Note I. Synthesis of Certain Hydrazones
with a Tuberculostatic Action."

Authors:

TEFAS, D., -Pharmacist.-

BEREGHET, Ana, -Pharmacist.-

CHIRITA, C., -Pharmacist.-

PUSCARU, E., -Conf.-

670 981643

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

PUSCARU, E., assist. prof.; TEFAS, D.; BERECHET, Ana; CHIRITA, C.

Contributions to the study of derivatives of the thiourea type exerting
an antitrichomonadic action. Rumanian M Rev. no.2:87-90 Ap-Je '60.
(TRICHOMONAS pharmacology) (THIAZOLES pharmacology)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

CHIRITA, C.; GUSTIU, L.; FLOREA, N.

Pedological excursions in the regions of Banat and Crisana. II.
Studii agr Timisoara 9 no.1/2:27-38 Ja-Je '62.

1. Membru corespondent al Academiei R.P.R. (for Chirita).

CHIRITA, C.D.

Problems of orienting soil science in Rumania. Studii agr
Timisoara 9 no.1/2:39-62 Ja-Je '62.

1. Membru corespondent al Academiei R.P.R.

CHIRITA, C.D.

Indexes of soil moisture. Studii cerc biol veget 14 no.3:
351-373 '62.

1. Membru corespondent al Academiei R.P.R.

CHIRITA, C. D.

Systematics of soil water conditions in Romania. Studii cerc biol
veget 13 no.3:405-415 '61.

1. Membru corespondent al Academiei R.P.R.

CHIRITA, Constantin, ing.

Radioactive isotopes and their application in the glassmaking industry;
obtaining radioactive isotopes by nuclear reactions. Industria usoara
9 no.10:423-428 0 '62.

CHIRITA, D., ing.

Rational labor organization and the use of overtime work
remuneration, important measures for increasing the sugar-
beet production. Ind alim 16 no.3:154-157 Mr '65.

1. Assistant Director, Giurgiu Sugar Plant.

CHIRITA, F.

TECHNOLOGY

Periodicals: METALURGIA SI CONSTRUCTIA DEMASINI. Vol. 10, no. 6, June 1958

CHIRITA, F. Development of the tractor and agricultural-machinery, an important element in the mechanization of agriculture. p. 501

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

CHIRITA, G.

- 36*
- Bucharest, Parasitologie, Vol. I, No. 4, Apr 1962
1. "Mycobacterium and Its Importance in Pharmacutics," Part A. *pp 193-201.*
2. "Investigations in the Monoethoxy Resorcin Class" *(VIII). New Compounds Having an Antimycobacterial Action," Part B. *pp 203-211.**
3. "Contribution to the Study of the Stability of Chloral Hydrate and Sodio Luminal Solutions," *Parte Parva II. French, Spanish, Portuguese, and German St., English summary; pp 215-220.*
4. "On the Antituberculous Activity of Certain Hydrazid Derivatives of the α -Benzyl Laminodiamino Acid and Phenylhydrazine Acid Series (Note II)," Prof. V. M. TUDOR, Dr. V. CHIRITA, Dr. V. DUMITRESCU, Dr. V. STANESCU, Prof. N. VASILESCU, Dr. V. OGRDORU, Dr. V. SIMIONESCU, Chemist Victoria SHARF, Chemist Tatiana DEONTEA, Dr. MARINELIU, Dr. EM. POPESCU and Dr. A. ROPEA, English summary; pp 216-227.
5. "Study of the Antituberculous Action of Certain New Phenolic Derivatives (Naphthylidene Salicylates)," Prof. P. GHENDEANU, Dr. C. GHEORGHE, Chemist Victoria BURDU, Dr. D. DUMITRESCU, Dr. V. LINDNER, Dr. V. SIMIONESCU, Dr. MARINELIU, Dr. EM. POPESCU and Dr. A. ROPEA, English summary; pp 229-235.
6. "Study of Galactin Reactions for Various Galactin Substances with a Protonic Action," Prof. V. COCONINA, Part I. *Part. Parvă V. ELIAS, Dr. I. VINTILĂ and Dr. S. HODREA, Work performed at the Organic Department (Gatinașă de Organice) of Cluj in our Laboratories (Ufficio II-a de Chimie Organica); pp 235-237.*
7. "Contribution to the Study of the Copper Content of Fungi and Fungicidal Properties," Part V. *ELIAS and Parvă V. HODREA, English summary; pp 239-242.*

IONESCU, E.; CHIRITA, Gh.

Ammoniation of superphosphate with gaseous ammonia on granulating plates. Rev chimie Min petr 14 no.3:130-136 Mr '63.

Country	: RUMNLA / Chemical Technology. Chemical H
Category	: Products and Their Applications -- Leather. Fur. Gelatine. Tanning
Abs. Jour	: 44575 Materials. Industrial Proteins
Author	: Alexa, Gh. and <u>Chirita</u> , Gh.
Institut.	:
Title	: Studies of Combined Formaldehyde-Chrome- Vegetable Tanning
Orig. Pub.	: Bul. Inst. Politehn. Iasi, 1957, 5, Nos 1-2, 77-90
Abstract	: Preliminary tanning of leather by formaldehyde (I) accelerates the process of vegetable tanning; however, in such a case the number of tannides (T) fixated by collagen are diminished. To increase the affinity of collagen for T, an intermediate chroming of leather is conducted. The effect of intermediate tanning of leather is investigated by chrome salts (II) in the process of combined tanning. The degree of tanning (DT) consists (in %):

Card: 1/4

H-84

Country	: RUMANIA / Chemical Technology.	Chemical H
Category	Products and Their Applications -- Leather.	
	Fur. Gelatine. Tanning	
Abs. Jour :	44575	Materials. Industrial Proteins
Author :		
Institut. :		
Title :		
Orig. Pub. :		
Abstract :	in tanning with T only, 83.62; II and T, 110.97; I and T, 78.52; I, II and T, 96.17. As the quantity of I (40% strength) is increased from 0.5 to 5, the DT diminishes from 104.83 to 90.26% when tanning with I, II and T, and from 68.75 to 60.76% when tanning with I and T. Pickling of leather, previously tanned by I, in a solution of Na_2SO_4 and NaCl increases DT; when the solution acidity increases, the number of fixated T decreases. The increase in concentration x of II solut-	

Card: 3/4

Country	:	RUMANIA / Chemical Technology.
Category	:	Products and Their Applications -- Leather. Fur. Gelatine. Tanning Materials. Industrial Proteins
Abs. Jour	:	44575
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	:	ions from 1 to 2.5% increases the DT from 99.40 to 114.71%; increasing the tannin duration by II from 1 to 6 hours increases the number of fixed T from 1.27 to 1.94% and the DT from 94.74 to 117%. DT is increased from 1 to 5° Be and from* concentration of T solutions is increased from 1 to 5° Be and from 77.90 to 1161.92% when the tanning time is increased from 6 to 96 hours. The nature of T affects an increase in DT *41.28 to 132.81 percent when concentration of T...

Card: 3/4

Country	:	RUMANIA / Chemical Technology. Chemical H
Category	:	Products and Their Applications -- Leather.
Abs. Jour	:	Fur. Gelatine. Tanning 44575 Materials. Industrial Proteins
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	:	in the following order: chestnut, Valea, oak, quebracho, and sumach. G. Markus

Card: 4/4

CHIRITA, GH.; ALEXA, CH.

Study of combined formaldehyde-chromium-tannin tanning. Pt. 2, p. 357.

STUDII SI CERTARI STIMTIPICE, SIME. Iasi, Rumania
Vol. 8, no. 1, 1957

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept., 1959.

Uncl.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, Aglaia

Contributions to the study of combined tannages. Rev
chimie 7 no. 1: 13-20 '62.

1. Section de l'industrie du cuir, des remplaçants du
et des matières tannantes de l'Institut Polytechnique
Jassy.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, A.; MANCIU, M.; SCHIFTER, H.; NANESCU, V.

On the stability in time of physicochemical and chemical characteristics of leathers dressed by the combined formol and chromium method. Studia Univ E-H S Chem 8 no.1:509 '63

1. Iasi Polytechnic Institute.

ALEXA, Gh.; CHIRITA, Gh.; CHIRITA, A.

Influence of acidity on the stability of formaldehyde combination with collagen. Studia Univ B-B S Chem 8 no.1:510 '63

1. Iasi Polytechnic Institute.

ALEXA, Gheorghe, dr. ing., profesor emerit; CHIRITA, Gheorghe, conf. ing.;
CHIRITA, Aglaia, lector ing.

The influence of acidity on the bond between formaldehyde and
collagen. Industria uscara 10 no.245-47 F '63.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRITA, Mihai

Use of artificial satellites in navigation. Rev transport 11
no.128547-548 D '64.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

Chirita, N.

ROPOVICI, V. V.
ENRICHE (in code); Given Name

Country: Romania

Academic Degree: Engineer

Affiliation: Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului)

Source: Bucharest, Probleme Contaminate si Veterinaria, No. 4, 1961,
pp 11-18.

Date: "Organization of the Green Corn Conveyor for Hulls."

Co-authors:

BEREIA, I., Engineer, Research Institute for the Cultivation of
Corn (Institutul de Cercetari pentru Cultura Porumbului).

STANESCU, I., Engineer, Research Institute for the Cultivation of
Corn (Institutul de Cercetari pentru Cultura Porumbului).

STANESCU, I., Engineer, Research Institute for the Cultivation of
Corn (Institutul de Cercetari pentru Cultura Porumbului).

CHIRITA, N., Engineer, Research Institute for the Cultivation
of Corn (Institutul de Cercetari pentru Cultura Porumbului).

CHIRITA, P.

PAVEL, V., Dr.; BIKSZ-WEISS, A., dr.; CHIRITA, P., dr.; DINU, I., dr.;
CZERNIK, I., dr.

Study of the effect of mercurial diuretics on cardiac
decompensation. Med. int., Bucur. 4 no.8:1220 1225 Dec 56.

1. Lucrare efectuata la Clinica a II-a medicala (Dir.: prof.
A. Paunescu-Podeanu) I.M.F. - Timisoara.

(CONGESTIVE HEART FAILURE, therapy
mercurial diuretics, mechanism of action, side-effects
& resist.)

(DIURETICS, MERCURIAL, ther. use
congestive heart failure, mechanism of action, side-
effects & resist.)

Chirita, P.

PAVEL, V.; CHIRITA, P.; MALCOIANU, A.

Studies of the effect of oxygen and nitroglycerin on post-insulin ECG changes. Med. int., Bucur. 9 no.11:1683-1693 Nov 57.

1. Incrare facuta in Clinica a II-a medicala I.M.F., Timisoara.
(ELECTROCARDIOGRAPHY, eff. of drugs on
insulin, alone & with oxygen & nitroglycerin)
(INSULIN, effects
on ECG, alone & with oxygen & nitroglycerin)
(OXYGEN, effects
on ECG after insulin admin.)
(NITRITES, effects
nitroglycerin, on ECG after insulin admin.)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.; MUNTEANU, M., dr.; RODULA, P., dr.; DINU, I., dr.; DANCAU, G., dr.; CHIRITA, P.

Phenylbutazone as an adjuvant in the therapy of myocardial infarct.
Med. intern., Bucur 13 no.4:533-539 Ap '61.
(MYOCARDIAL INFARCT therapy) (PHENYLBUTAZONE therapy)

PAUNESCU-PODEANU, A., prof.; RADULA, P., dr.; CHIRITA, R., dr.

Acute abdomen, apparently surgical, as the expression of a degenerative rheumatism of the spinal column. Med. intern. 14 no.12:1513-1514 D '62.

1. Clinica medicala, I.M. Timisoara.

(ARTHRITIS, RHEUMATOID) (SPINAL DISEASES)
(ABDOMEN, ACUTE)

SMIRNOV, V.S.; CHIRITA, V.

Influence of the inertia force on metal rolling by rolling
mill cylinders. Studii cerc metalurgie 9 no.2:205-221 '64.

SPIRNOV, V.N.; GRIFITA, V.

Effect of inertia forces on rolls gripping the metal. Sov Roun
metallurgie 9 no.21245-260 164.

1. Corresponding Member of the Academy of Sciences of the U.S.S.R.
(for Smirnov).

ACCESSION NR: AP5017592

RU/0017/64/000/007/0285/0242

AUTHOR: Smirnov, V. S. (Professor, Doctor, Corresponding member)
Chirita, V. (Candidate of technical sciences)

TITLE: Using the dimensional theory to determine the elongation in rolling of rectangular sections in open calibers

SOURCE: Metallurgia, No. 7, 1964, 285-292

TOPIC TERM: metal strain, metal plasticity, metal rolling

ABSTRACT: The authors continue their application of dimensional analysis to processing of experimental data relating to the plastic strain. From the determination of the elongation coefficient for various periods of time, they deduce some general formulae for the elongation coefficient in caliber rolling. Orig. art. has 11 pgs.
14 formulas.

ASSOCIATION: Chirita I.G.T.C.M.

SUBMITTED BY:

ENCL: 0

NR REF SERV: 103

OTHER: 0

103

Card 1/1

L 41109-66 EWP(k)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6030198

SOURCE CODE: RU/0017/65/000/007/0345/0350
xx

AUTHOR: Chirita, V. (Engineer; Candidate of technical sciences)

ORG: Technological Research Institute for Machine Building (Institutul de cercetari tehnologice pentru constructii de masini)

TITLE: Determining the working diameter for burred and burless caliber rolling

SOURCE: Metalurgia, no. 7, 1965, 345-350

TOPIC TAGS: metal rolling, metallurgic process

ABSTRACT: The author shows how to calculate the working diameter for burred and burless caliber rolling by means of the equivalent section method, and points out the advantages of this method which include relatively high accuracy as compared to other methods, rapidity and ease of the calculations required. The method is also applicable to periodic section rolling. A numerical example of the calculations is included. Orig. art. has: 6 figures, 14 formulas and 1 table. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 005 / SOV REF: 004

Card 1/1

11b

UDC: 621.77.2

09181042

L 46908-66 EWP(t)/ETI/EWP(k) IJP(c) JD/HW/DJ

ACC NR: AP6034311

SOURCE CODE: RU/0017/66/000/002/0065/0069

AUTHOR: Chirita, V. (Doctor; Engineer)3/
BORG: Technological Research Institute for Machine Building (Institutul de Cercetari Tehnologice Pentru Constructii de Masini)

TITLE: Some problems of advance in the filling of profiles

SOURCE: Metalurgia, no. 2, 1966, 65-69

TOPIC TAGS: metal rolling, metallurgy

ABSTRACT: In a discussion of the problems associated with the forward movement of profiles with a variable degree of filling of the rolled pieces, the author shows that the basic principles of rolling theory and variation of advance speed are in fact applied in practical experience. This can be seen by extending the analysis of the various factors affecting the advance to the component parts of the variable-thickness pieces. Orig. art. has: 6 figures, 10 formulas and 1 table. [Based on author's Eng. abst.] [JPRS: 36,867]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 007
OTH REF: 001

UDC: 621.771.2-42

0921

0032

CHIRITESCU, A.

"Experience with crop rotation in nurseries." p. 16. (REVISTA PADURILOR, Vol. 68, no. 11, Nov. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

CHIRITESCU, A.

"Importance of field shelter belts for the increase of harvests in connection with new trends in agriculture." p. 24. (REVISTA PAURILOR, Vol. 68, no. 12, Dec. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

CHIRITESCU, A.

"From the practice of stratifying tree seeds in nurseries of the central steppe of Dobruja". p. 24. (REVISTA PADURILOR, Vol. 69, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

CHIRITESCU, A.

"Culture of perennial grasses in nurseries of the central steppe
of Dobruja". p. 111, (REVISTA PADURILOR, Vol. 69, No. 3, Mar. 1954,
Bucuresi, Romania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

CHIRITESCU, A.

Forest shelter belts established in the central steppe of Dobruja in
1950-1954. p. 328. REVISTA PADURILOR. Bacuresti. Vol. 70, no. 8, Aug. 1955.

SOURCE: East European Ascessions List (EEAL), LC, Vol. 5, no. 3, March 1956

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRITESCU, A.

"Development of production by means of capillary action in steppe nurseries, p. 410,
(REVISTA PADURILOR, Vol. 69, no. 9, Sept. 1954. Bucuresti, Romania.)

SO: Monthly List of East European Accessions, (EHAL), LC.
Vol. 4, No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

CHIRITESCU, A.

Forest problems of the Black Sea littoral. p. 512. REVISTA PADURIILOR.
(Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al
Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70, no. 11,
Nov. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

CHIRITESCU, A.

Fixing of sand on the shores of Mamaia. p. 78. REVISTA PADURILOR.
(Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al
Ministerului Agriculturii Si Silviculturii) Bucuresti. Vol. 71, no. 2,
Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

CHIRITESCU, A.

Unique plan for crop rotation in nurseries for ornamental trees and shrubs. p. 91.
(REVISTA PADURILOR. Vol. 71, no. 2. Feb. 1957. Rumania)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Unclassified.

Page 78

CHIRITESCU, A.

The necessity of forest shelter belts in the Dobruja. p. 442

(REVISTA BODURILOR. Vol. 71, No. 7, July 1957. Bucuresti, Rumania)

SO:, Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

CHIRITESCU, A.

Formula for establishing the surface of nurseries taking into consideration
the growing speed of seedlings. p. 53?

REVISTA PADURILOR. (Asociata Stiintifica a Inginerilor si Technicienilor
din Romania si Ministerul Agriculturii si Silviculturii) Bucuresti,
Rumania. Vol. 73, no. 9, Sept. 1958

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

CHIRITESCU, A.

AGRICULTURE:

PERIODICAL: Vol. 73, no. 10, Oct. 1958

CHIRITESCU, A. The formula for determining the yearly cultivation surface in nurseries, taking into consideration the growing speed of seedlings. p. 595

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

L 1202-66

ACCESSION NR: AP5025838

RU/0004/65/000/003/0083/0088

AUTHOR: Saviuc, Victor (Engineer, Chief researcher) (Iasi); Chiritescu, Dan (Engineer, Head of workshop installation) (Iasi); Dordea, Dionisie (Engineer, Chief Planner) (Iasi)

23

TITLE: Mobile transformer stationsSOURCE: Electrotehnica, no. 3, 1963, 83-88

TOPIC TAGS: electric transformer, electric power engineering

ABSTRACT: A survey on the design and construction of mobile transformer stations, both in Rumania and in other countries. Technical data and design details are presented, especially on 240 kilovolt-ampere--6/0.4 kilovolt transformer centers.

Orig. art. has: 9 figures.

ASSOCIATION: Saviuc/Centrul de cercetari tehnice al Academiei RPR (Technical Research Center of the RPR Academy); Chiritescu/DSAPC; Dordea/IRE

SUBMITTED: 25Dec63

ENCL: 00

SUB CODE: EE

NR REF Sov: 001

OTHER: 005

JPRS

Card 3/1

MANOLESCU, Radu, ing.; VARIAN, Radu N., ing.; CHIRITESCU, Gheorghe, ing.

Problem of the bearing capacity and calculation of road systems,
as discussed at The First Road Conference of the Socialist
Countries, Moscow, June 4-13, 1962. Rev transport 10 no.2:
49-47 P '63.

CHIRITESCU, Gheorghe, ing.; IONESCU, Alexandru, ing.; VARLAN, Radu, ing.

Problem of earthworks and their stability, discussed
by the First Conference on Toads of the Socialist Countries,
Moscow, June 4-13, 1962. Rev transport 10 no.1:1-8 Ja '63.

L 7857-66 EWT(1)/EWP(s)/EPA(s)-2/EWT(m)/EWP(w)/EWP(i)/EPA(w)-2/T/EWP(t)/EWP(b)
ACC NR: AP5028130 EWA(h) IJP(e) JD/ SOURCE CODE: UR/0048/65/029/011/2101/2103
AUTHOR: Zhukov, O.K.; Milovidova, S.D.; Chirkin, A.N.
ORG: Voronezh State University (Voronezhskiy gosudarstvenny universitet)
TITLE: Concerning temperature autostabilization of ferroelectric ceramics Report,
Fourth All-Union Conference on Ferro-electricity held at Rostov-on-the Don 12-16
September 1964
SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 11, 1965, 2101-2103
TOPIC TAGS: ferroelectric material, ceramic material, solid solution, barium titanate,
strontium titanate, Curie point, dielectric constant, dielectric loss, heating,
temperature stabilization
ABSTRACT: The temperature stabilization of ferroelectric materials by dielectric
heating at a temperature slightly above that at which the dielectric loss is maximum,
first observed by L.A.Shuvalov (Izv. AN SSSR. Ser. fiz. 24, No. 11, 1416 1960)) in
triglycine sulfate, was investigated in a series of ceramic solid solutions of barium
and strontium titanates. Ceramic specimens containing 10, 15 and 20 % by weight
 SrTiO_3 and having Curie points of 87, 67, and 47°C , respectively, in the form of 5 mm
diameter, 2 mm thick disks with small central recesses to receive thermocouple junc-
tions for temperature measurement were provided with fired on silver electrodes. The
dielectric constants were measured at 15 kilocycle/sec with a bridge; the imaginary
Card 1/2

L 7857-66

ACC NR: AP5028130

8

parts of the dielectric constants showed sharp maxima at temperatures $4-5^{\circ}$ below the respective Curie points. The specimens were dielectrically heated with a 200 W, 15 kilocycle/sec audio oscillator while there temperatures were measured to 0.01° with a thermostat. Optimum stabilization was obtained at a temperature $1-2^{\circ}$ above that at which the dielectric loss was maximum ($3-4^{\circ}$ below the Curie point). A stabilization factor dT/dt (T is the ambient temperature and t is the specimen temperature) of 5 was achieved with the highest Curie point material over the range $20^{\circ} < T < 80^{\circ}\text{C}$, and factors 3 with the other two materials. The stabilization factor was always greatest at the lower ambient temperatures. It is concluded that not only triglycine sulfate single crystals, but also barium titanate base ceramics can be temperature stabilized near the Curie point by dielectric heating, and it is suggested that similar experiments be performed with other ferroelectric ceramics.¹⁵ The authors thank I.S.Zheludev and L.A.Shuvalov for their interest in the work and for valuable remarks. Orig. art. has: 2 figures and 1 table.

SUB CODE: SS, EM, TD SUBM. DATE: 00/ ORIG. REF: 002 OTH. REF: 001

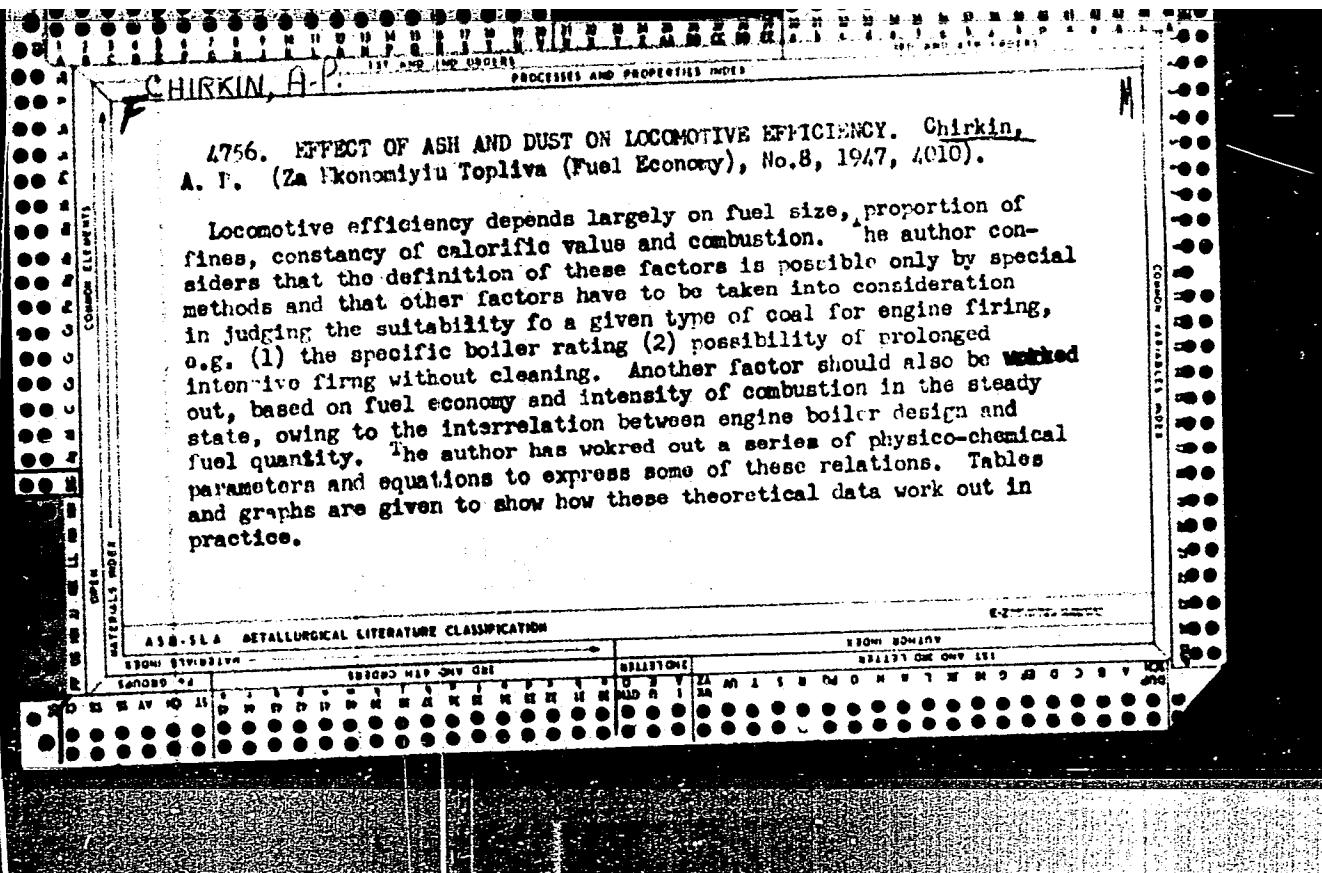
Card 2/2

ZHUKOV, O.K.; MLOVIDOVA, S.D.; CHIRKIN, A.N.

Thermal self-stabilization in ferroelectric ceramics. Izv.
AN SSSR. Ser. fiz. 29 no.11:2101-2103 N '65.

(MIRA 18:11)

L. Veronezhskiy gosudarstvennyy universitet.



"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRKIN, A. P.

21963 CHIRKIN, A. P. O Sisteme Kachestvennykh Kharakteristik ugley i antratsitov
Donbassa. Trudy Kvar'k. in-ta inzhenerov zh.-d transporta im. Kirova, vyp.
20, 1949, s. 22-56.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

CHIRKIN, ALEKSEY PETROVICH.

~~Khar'kov Inst of Engineers of Railroad Transport imeni Kirov.~~

CHIRKIN, Aleksey Petrovich. Khar'kov Inst of Engineers of Railroad Transport imeni Kirov. Academic degree of Doctor of Technical Sciences, based on his defense, 1 December 1955, in the Council of Power Engineering Inst imeni Krzhizhanovskiy, Acad Sci USSR, of his dissertation entitled: "Combined torch-layer [fakel'no-sloyevoy] process of combustion of solid fuel in high-tension furnaces (of the steam engine type)."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 6, 17 Mar 56, Byulleten' MO SSSR, No. 3, Feb 57, Moscow, pp. 23-35, Uncl. JPRS/NY-512

SOV/124-58-10-10877

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 22 (USSR)

AUTHOR: Chirkin, A. P.

TITLE: On the Intensification of Solid Fuel Burning (K voprosu ob intensifikatsii szhiganiya tverdogo topliva)

PERIODICAL: Tr. Khar'kovsk. in-ta inzh. zh.-d. transp., 1957, Nr 30, pp 3-7

ABSTRACT: The author records basic formulas describing the burning of solid fuel in a layer and in a pulverized suspension. Analyzing the influence of different factors on the intensity of burning the author arrives at a conclusion that the layer process affords the maximum intensification of burning and enumerates the basic ways of intensification.

V. V. Smirnov

Card 1/1

SOV/96-58-6-24/24

AUTHOR: Chirkin, A.P. Dr.Tech.Sci. and Bartosh, V.T., Cand.Tech.Sci.

TITLE: Concerning Prof. N.I. Belokon's book "Thermodynamics".
(O knige prof. N.I. Belokonya "Termodinamika")

PERIODICAL: Teploenergetika, 1958, No.6. pp. 93-96 (USSR)

ABSTRACT: In Teploenergetika No.9., 1955, G.N. Fuks gave an unfavourable review of the above book. The present contributors consider that the original reviewer did not properly evaluate the book, which is of original outlook and very useful; this is explained at length. There is an editorial note that the matter requires further discussion.

1. Literature--USSR 2. Thermodynamics

Card 1/1

USCOMM-DC-55487

CHIRKIN, A.P., doktor tekhn. nauk, prof.

Method of calculating the combined jet-layer process of burning
hard fuel in fireboxes. Trudy KHIIT no. 29:71-87 '58. (MIRA 11:8)
(Locomotives--Fuel consumption)

CHIRKIN, A.P., doktor tekhn. nauk, prof.

Zonal calculation of the combined jet-layer process of burning
hard fuel in fireboxes. Trudy KHIIT no. 29:88-103 '58. (MIRA 11:8)
(Locomotives--Fuel consumption)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7

CHIRKIN, A.P., doktor tekhn.nauk, prof.; DROBYZKO, dotsent, kand.tekhn.nauk;
SHEVACH, P.T., kand.tekhn.nauk; SURZHENKO, Z.I., inzh.

Investigating the performance of the fuel system of 2D100 diesel
locomotive engine at low feeds. Trudy KHIIT no.35:4-12 '60.
(MIRA 13:10)

(Diesel engines--Fuel systems)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308820012-7"

CHIRKIN, A.P., doktor tekhn.nauk, prof.; DROBYAZKO, S.I., kand.tekhn.nauk,
dotsent; KLEPACH, P.T., kand.tekhn.nauk; SURZHENKO, Z.I., inzh.

Investigating the deformations of the fuel injector body of the 2D100
engine. Trudy KHIIT no.35:50-54 '60. (MIRA 13:10)
(Diesel engines--Fuel systems)

CHIRKIN, A.P., doktor tekhn.nauk, prof.; VENNER, N.D., inzh.; GAVRILENKO, M.K., inzh.; DROBYAZKO, S.I., kand.tekhn.nauk, dotsent

By-pass system for the pressure-charging air of 2D100 locomotive diesel engines. Trudy KHIIT no.35:138-143 '60. (MIRA 13:10)
(Diesel engines)

CHIRKIN, A. P., doktor tekhn. nauk, prof.; GAVRILENKO, M. K., kand.
tekhn. nauk

Results of the testing of the 2D100 engine equipped with by-pass
and throttle systems and modernized fuel pumps. Trudy KHIIT
no. 52:16-23 '61. (MIRA 15:10)

(Diesel engines—Fuel systems)

CHIRKIN, A. P., doktor tekhn. nauk, prof.; GAVRILENKO, M. K., kand.
tekhn. nauk; POLTAVSKIY, I. P. inzh.

Measuring the temperature of collector plates and windings of
the auxiliary poles of diesel locomotive electric traction
engines during the movement of the train. Trudy KHIIT no. 52:
44-55 '61. (MIRA 15:10)

(Electric railway motors—Testing)
(Thermistors)

CHIRKIN, A. P., doktor tekhn. nauk, prof.; GAVRILENKO, M. K., kand.
tekhn. nauk; VERNER, N. D., inzh.

Investigating the characteristics of fuel feed by the fuel pump
of the 2D100 engine with modified cutting-off edges of the pump
piston. Trudy KHIIT no.52:5-15 '61. (MIRA 15:10)

(Diesel engines—Fuel systems)
(Pistons—Testing)

CHIRKIN, A.P., doktor tekhn. nauk, prof.; REZNIK, I.I., inzh.;
CHAROMSKIY, A.D., doktor tekhn. nauk, prof., retsenzent;
VASIL'YEVA, N.G., inzh., red.; UVAROVA, A.F., tekhn. red.

[Diesel-engine fuel systems] Diesel'naya toplivnaia ap-
paratura; spravochnik. Moskva, Mashgis, 1963. 169 p.
(MIRA 16:11)

(Diesel engines--Fuel systems)

L 13560-65 EEO-2/EWT(1)/EED-2/FCS(k) Pn-4 RAEM(s) JM
ACCESSION NR: AP4048264 S/0141/64/007/004/0693/0700

AUTHORS: Akhmanov, S. A.; Komolov, V. P.; Chirkin, A. S.

TITLE: Quantization in the investigation of nonstationary phase distributions

SOURCE: IVUZ. Radiofizika, v. 7, no. 4, 1964, 693-700

TOPIC TAGS: quantizer, parametric oscillator, random phase spread, signal noise ratio

ABSTRACT: This is a continuation of earlier work (see, e.g., "Radiofizika" v. 7, no. 3, 1964, p. 701; "Izv. Akad. Nauk SSSR MGU ser. fiziki" no. 3, 1964). The method of quantization in the investigation of non-stationary phase distributions is demonstrated with a simple example, namely the case of a phase quantizer with fixed reference frequency. The measured phase is a non-stationary quantity. In this case the measured phase is a non-stationary

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L 13560-65

ACCESSION NR: AP4048264

2

ary random process with a mean value that depends linearly on the time. The quantizer used was a single-circuit type and a photograph of the test set-up is shown enclosed. The processes occurring when the quantizer is excited in the presence and in the absence of a signal are described. After it is shown that positive and negative pulses will be the same, the regularity of the appearance of the bipolar pulses yields information concerning the signal, if use is made of either the pulse spectrum or the ratio of the amplitudes of the pulses with respect to the input signal. It is shown that if the input signal to a quantizer is small at the quantizer input, information can be obtained concerning the amplitude, and if the ratio exceeds 1 or 2, concerning the phase (or frequency) of the quantized signal. The authors are grateful to V. B. Braginskiy and I. T. Trofimenko for useful discussions.

Core 274

126 A. J. S.

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S. S. T. - 1

MR. HENRY W. COOPER

Card

L 13560-65
ACCESSION NR: AP4048264

ENCLOSURE: 01



Fig. 1. Block diagram of setup for the investigation of electronuclear processes.

1 - MARK1000E REORIGATOR, 2 - MARK1000E
PULSE GENERATOR, 3 - MARK1000E
OSCILLATOR, 4 - MARK1000E
VOLTMETER, 5 - MARK1000E, 6 - MARK1000E
POTENTIOMETER, 7 - MARK1000E, 8 - MARK1000E
SPECTROMETER, 9 - MARK1000E, 10 - MARK1000E
SPECTROMETER, 11 - MARK1000E, 12 - MARK1000E
SPECTROMETER, 13 - MARK1000E, 14 - MARK1000E
SPECTROMETER.

AKHIEZOV, S.A.; CHIRKIN, A.S.

Detection of the phase fluctuations of multiple-mode generators in
a nonlinear medium. Izv.vys.ucheb.zav.; radiofiz. 8 no.3:569-578
'65. (MIRA 18:8)

1. Moskovskiy gosudarstvennyy universitet.

L 4212-66 EWT(1)

ACCESSION NR: AP5025161

UR/0188/65/000/005/0078/0088
621.371

42
39
B

AUTHOR: Akhmanov, S. A.; Chirkin, A. S.

TITLE: Line spectrum transformation in media with quadratic nonlinearity

SOURCE: Moscow. Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 5, 1965, 78-88

TOPIC TAGS: electromagnetic wave phenomenon, electromagnetic wave scattering, harmonic oscillation, anisotropic medium, line spectrum, frequency conversion

ABSTRACT: The paper gives the results of a theoretical analysis of frequency conversion in a line spectrum with width $\Omega\Delta = N\cdot\Delta\omega$ which is grouped close to the frequency ω_0 ($\Delta\omega/\omega_0 \ll 1$) in a medium with quadratic polarizability. Particular attention is given to the effect which phase distribution in the fundamental grouped near the frequency $2\omega_0$ has on the radiative power of the second harmonic. Calculations are made both for regions of low conversion efficiency and for conditions in which the power of the fundamental radiation and the second harmonic are comparable. A system of equations is derived for the amplitudes and phases of electromagnetic waves propagated in a weakly nonlinear anisotropic nondissipative dispersing medium. All the

Cord 1/3